

# EXHIBIT J

**From:** Iwanika, Jason D [jason.d.iwanika@exxonmobil.com]  
**Sent:** Monday, November 10, 2014 8:49 PM  
**To:** Crawford, Millie A  
**CC:** Luckasavitch, Richard J  
**Subject:** FW: Impact of GHG Update  
**Attachments:** 2014 Corporate Plan GHG Emissions.pptx

Fyi, just keeping you in the loop. Will let you know how tomorrow's review goes with Guy Powell.  
 Per distribution list, we are maintaining alignment with GPM as we progress forward.

### Jason Iwanika

#### Development Planning Supervisor

Oil Sands Development & Research, Imperial  
 Quarry Park | W4C.196

[jason.d.iwanika@exxonmobil.com](mailto:jason.d.iwanika@exxonmobil.com) P 587.476.2347 C 403.875.0753

---

**From:** Iwanika, Jason D  
**Sent:** Monday, November 10, 2014 1:48 PM  
**To:** Fisk, Norma; O'Brien, David P; Powell, Guy A; Cornish, Lucie M  
**Subject:** FW: Impact of GHG Update

Team, please see the attached 1pager for discussion tomorrow on GHG treatment for W.Canada Oilsands opportunities (focused on SAGD Opportunity Base).

From the 1pager, (thank you Lucie for preparing), we can see that the new GHG basis has an impact on SAGD opportunities in the magnitude of 0.5-1% DCFR (very material)

Guy, appreciate your input/direction on how to progress forward, for both non-Cogen and Cogen based SAGD developments.

Our current economic treatment for SAGD w/ Cogen; (aspen Ph1) does not include any offsets/benefits associated with power generation from Cogen displacing 'coal'.

	Start Up	DCFR (%)		
		CP14 As Submitted	GHG Update	Delta
Aspen Ph1	2020	12.6	12.1	-0.5
Aspen Ph2	2021	12.7	12.4	-0.3
GR Ph1	2022	12.1	11.4	-0.7
Corner Ph1	2023	12.5	12.0	-0.5
Clyden Ph1	2024	12.6	12.1	-0.5
Clarke Creek Ph1	2025	11.3	10.6	-0.7

0452044/2018  
 PLAINTIFF'S  
 EXHIBIT

**PX052**

**Jason Iwanika**

**Development Planning Supervisor**

Oil Sands Development & Research, Imperial

Quarry Park | W4C.196

[jason.d.iwanika@exxonmobil.com](mailto:jason.d.iwanika@exxonmobil.com) P 587.476.2347 C 403.875.0753

# 2014 Corporate Plan GHG Emissions

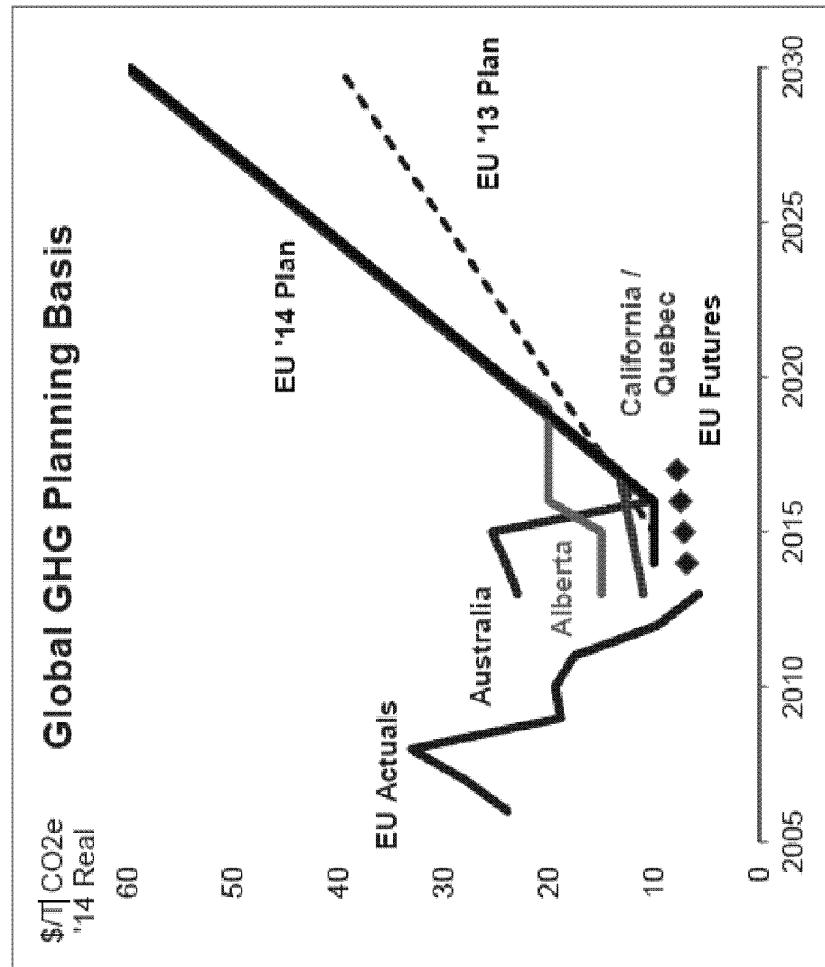
## Overview:

- 2014 Corporate Plan aligned with long term Energy Outlook basis @ \$60/T CO<sub>2</sub>e in 2030 & \$80/T CO<sub>2</sub>e in 2040
  - Note: this is a change from the 2013 Corporate Plan @ \$40/T CO<sub>2</sub>e in 2030)
- 2014 Corporate Plan continues to reflect merging of global GHG pricing basis ~2020

## Pricing Basis For Alberta:

- \$15/T through 2016
- Raising to \$20/T in 2017-18
- Merging with EU ETS pricing basis in 2019.

	Start Up	DCFR (%)		
		CP14 As Submitted	GHG Update	Delta
Aspen Ph1	2020	12.6	12.1	-0.5
Aspen Ph2	2021	12.7	12.4	-0.3
GR Ph1	2022	12.1	11.4	-0.7
Corner Ph1	2023	12.5	12.0	-0.5
Clyden Ph1	2024	12.6	12.1	-0.5
Clarke Creek Ph1	2025	11.3	10.6	-0.7



Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	EU Basis	2014 Real
Index	10.0	10.0	10.0	13.6	17.1	20.7	24.3	27.9	31.4	35.0	38.6	42.1	45.7	49.3	52.9	56.4	60.0	62.0	64.0	66.0	68.0	70.0	72.0	74.0	76.0	78.0	80.0	EU	\$/T CO <sub>2</sub> e

